Applus+ LGAI

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Work Plan of GS validation

Dear Sir/Madam,

Please find below our Work Plan of validation under Gold Standard.

Project Title: GHG abatement through Solar Power Generation at Jaisalmer, Rajasthan, India

GS project ID: GS6003

Internal ID: A+SH_SYST_TQC_004417

Work plan:

<table>
<tr><th>Subject</th><th>Description</th><th>Comment</th></tr>
<tr><td>Composition of the audit team and their experience</td><td>Lead Auditor - SUKANTA DAS
Tech. Expert - SUKANTA DAS</td><td>See details in Annex 1 - site visit plan.</td></tr>
<tr><td>Validation criteria</td><td>GS Version 02.2
METH TITLE: AMS I.D Version 17</td><td>-</td></tr>
<tr><td>Time frame</td><td><table>
<tr><th>Timing</th><th>Step</th><th>Milestone</th></tr>
<tr><td>Starting Day</td><td>1</td><td>Receiving the documents from the client</td></tr>
<tr><td>+2 weeks</td><td>2</td><td>Desk Review and On-site Visit</td></tr>
<tr><td>+6 weeks</td><td>3</td><td>Draft Validation Report</td></tr>
<tr><td>+10 weeks</td><td>4</td><td>Resolution of CRs and CARs</td></tr>
<tr><td>+12 weeks</td><td>5</td><td>Final Validation Report</td></tr>
<tr><td>+13 weeks</td><td>6</td><td>Technical Review</td></tr>
<tr><td>+14 weeks</td><td>7</td><td>Submission of the validation report</td></tr>
</table></td><td>14 weeks</td></tr>
<tr><td>Documents to review</td><td><table>
<tr><th>No.</th><th>Documents</th></tr>
<tr><td>/1/.</td><td>Feasibility Study Report</td></tr>
<tr><td>/2/.</td><td>Feasibility Study Report Approval</td></tr>
<tr><td>/3/.</td><td>Environmental Impact Assessment</td></tr>
<tr><td>/4/.</td><td>Environmental Impact Assessment Approval</td></tr>
<tr><td>/5/.</td><td>Contracts Related to the validation (equipment purchase agreement, construction contract etc)</td></tr>
<tr><td>/6/.</td><td>CDM/GS Development Contract</td></tr>
<tr><td>/7/.</td><td>ERPA</td></tr>
<tr><td>/8/.</td><td>PDD</td></tr>
<tr><td>/9/.</td><td>IRR spreadsheet</td></tr>
<tr><td>/10/.</td><td>ER spreadsheet</td></tr>
<tr><td>/11/.</td><td>Noise pollution report</td></tr>
<tr><td>/12/.</td><td>Gold Standard Passport</td></tr>
<tr><td>/13/.</td><td>Evidence related to Local Stakeholder meeting (initial and feedback round)</td></tr>
</table></td><td>-</td></tr>
<tr><td>List of stakeholders to be interviewed</td><td><table>
<tr><th>No.</th><th>Stakeholders</th></tr>
<tr><td>/1/.</td><td>Staff from the Project</td></tr>
<tr><td>/2/.</td><td>Stakeholder from the village around the project activity</td></tr>
<tr><td>/3/.</td><td>Consultant of the project activity</td></tr>
<tr><td>/4/.</td><td>Any other stakeholders related</td></tr>
</table></td><td>-</td></tr>
<tr><td>An explanation on validation of LSC, SFR, Do-Not-Harm</td><td>Applus+ LGAI will perform interviews and/or telephone conferences, and physical site inspection with project stakeholders to confirm selected information and to resolve issues identified in the</td><td>GS Annex AB
GS Annex I
Etc.</td></tr>
</table>

Assessment and SD-matrix	document review. The validation of the mentioned aspects will be conducted following the guidelines mentioned in GS tool kits and relevant GS Annexes.	
On-site audit planning and tentative programme.	See Annex 1 - site visit plan.	On-site Audit combined with Stakeholder Feedback Round
Interaction with the project developer, detailing the way of communication (for example via the registry) and the number of iterations for questions and requests.	Direct communication with the client and/or via registry.	-
Reporting, detailing procedures and responsibilities for quality control.	The project documents submitted by the Client were reviewed against the approved methodology and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information. Furthermore, a cross-check between information provided and information from other sources has been done. The validation opinion of the project will be described in the validation report as well as other documentation. As final step of a validation the final documentation including the validation report and the protocol have to undergo an internal quality control by the technical review committee. Each report has to be finally approved either by the head of technical review committee or the deputy. In case one of these two persons is part of the audit team, approval can only be given by the other one. After confirmation of the PP the validation opinion and relevant documents are submitted to the GS registry.	Internal Certification Body ensures quality control of validation. The procedure is included in Applus+ LGAI internal procedure
Communication of final validation opinion to the Gold Standard.	The final validation report would be sent to the client, a copy uploaded to the GS registry.	-

Annex 1:

VALIDATION VISIT PLAN
FOR THE PROJECT ACTIVITY
GHG abatement through Solar Power Generation at Jaisalmer, Rajasthan, India
OF CLIENT
Precision Technik Private Limited

Date:22/09/2017

Revision: 0

DETAILS OF APPLICANT ENTITY

APPLICANT ENTITY: **Precision Technik Private Limited**

Buyer: NA

MANAGER AND MANAGEMENT REPRESENTATIVE: Mr. Sonthalia

SCOPE: Sectoral Scope 1: Energy Industries (renewable - /non-renewable sources)

Methodology: - AMS.I.D version 17

Technical Area: 1.2

DETAILS OF VALIDATION TEAM:

Name	**Qualification [1]**	**Scope / Technical Area coverage**	**Financial aspect**	**Attendance to the On-Site Assessment**
Mr. Sukanta Das	LA/TE	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No

Name	**Qualification**	**Scope / Technical Area coverage**	**Financial aspect**
Mr. Simon Shen	TR	☒ Yes ☐ No	☒ Yes ☐ No

Name	**SHORT CV. BACKGROUND INFORMATION**
Mr. Sukanta Das	Sukanta DAS, has done M. SC in Physics and M. Tech in Energy technology from Tezpur Central University/ Indian Institute of technology Bombay in India. He is a certified lead auditor for ISO 14001EMS LA and ISO 9001 QMS LA from International registry for Certified Auditors and Certified Lean Management practitioner from Quality Council of India. He has more than Six years of working experience at TUV NoRD/ Re-consult/GHD under various categories of projects stating from Renewable to waste to supercritical projects. He was JI/CDM Lead Assessor in TUV NoRD and was involved in more than 100 CDM validation and verifications activities and Gold Standard, VER projects as a team leader/technical reviewer / validator / verifier covering the sectoral scope1 technical area 1.2/1.1. Currently he is associated with True Quality Certifications Private Limited and is empanelled with APPLUS certification to carry out GHG audit.

[1] Qualification roles: ***LA*** (Lead Auditor)/ ***A*** (Auditor) ***A in T*** (Auditor in training) ***TE*** (Technical Expert) ***TR*** (Technical Reviewer)

Mr. Simon Shen	Meng (Simon) Shen (Master Degree in Thermal Energy Engineering, Bachelor Degree in Environmental Engineering) is a Lead Auditor appointed by Applus+ LGAI for the GHG project assessment. He is based in Shanghai. He has several years of work experience in environmental protection field. Before he joined Applus+ LGAI, he had been worked for TÜV SÜD as a GHG Validator/Assessment team and ISO 9001/14001 Lead Auditor for 3.5 years.

ADDRESS
9, Vivekananda Road, Kolkata, West Bengal

VALIDATION OBJECTIVES, SCOPE AND CRITERIA:
Objective: To confirm that the PDD/PASSPORT and the management/monitoring system has been established and implemented in accordance with the requirements of the UNFCCC and the Gold Standard.

Criteria: UNFCCC EB guidance and VVS version 09, Requirements, tools and guidelines of the Gold Standard.

APPROXIMATE TIME OF ARRIVAL: 09/10/2017

DATE OF INITIAL MEETING: 09/10/2017
DATE OF FINAL MEETING: 10/10/2017

NOTES:
1. All the documentation used in the validation process or generated during the same shall be deemed confidential, subject to the limitations stated in decisions 3/CMP.1, on information requiring public disclosure. (Section E, point 27 (h) of decision 3/CMP.1). 2. The purpose of the initial meeting is to present the validation team to the applicant entity (management and heads of department, areas, etc.) and to explain the purpose and scope of the validation visit, the order it will follow and the procedures involved. It will be held on the arrival of the validation team on the first day of validation. 3. The final meeting is convened in order to read through the validation questionnaire setting out the results of the same. 4. The validation team should be given a meeting room or similar for its internal discussions. It must also be furnished with a complete set of project activity Documentation. 5. The requirements borne in mind during validation shall be those established in annex II to decision 4/CMP.1, of the UNFCCC, whichever is relevant, the clarifying remarks on these decisions by the Executive Board of the CDM, the documentation of the project activity being verified, and Applus validation, verification and certification rules.

Activity/Examination	Place/Company	Auditor	Date
Initial meeting Scope of work, timetable, CARs/CLs, TR& Approval process, the validation and registration process &confidentiality	Rajhsthan, INDIA	Sukanta (Mr. Sukanta have the relevant host country to carry out the audit)	09/10/2017
Project's characteristics - PDD - Technology, capacity of the project, auxiliary power units, dam, etc. - Location and project boundary - Methodology applicability conditions. - Project participants involved in project activity **ODA declaration** - Public funding or diversion of ODA **Additionality assessment** - Alternatives to the project activity - The assumptions, evidences to exclude the other scenarios - Prior consideration evidences - Investment barrier (Threshold, sensitivity analysis) - Laws and Regulations **Baseline determination** - Selection of the method - Data source for calculating the baseline emissions, project emissions and leakages. **Monitoring Plan** - Monitor Data: meter readings, control and maintenance, QA&QC systems - Sustainability monitoring plan **Environmental Impact Assessment** - EIA and EIA approval - Relevant Laws and Regulations - Monitoring of environmental requirements.	Rajhsthan, INDIA	Sukanta (Mr. Sukanta have the relevant host country to carry out the audit)	09/10/2017
Stakeholders feedback process **Do not harm assessment** **sustainability assessment**	Rajhsthan, INDIA	Sukanta (Mr. Sukanta have the relevant host country to carry out the audit)	10/10/2017
Findings - Compilation of the findings by Auditors (CARs/CLs); - Discussion of the audit findings to the clients and agreement on the time frame for replies	Rajhsthan, INDIA	Sukanta (Mr. Sukanta have the relevant host country to carry out the audit)	10/10/2017
Final meeting - Recommendations, impacts of the findings and delayed response upon timings and next steps.	Rajhsthan, INDIA	Sukanta (Mr. Sukanta have the relevant host country to carry out the audit)	10/10/2017

REMARKS:

During the on-site visit, Mr. Sonthalia should manage and coordinate the interviews described above.
The most important issues to be addressed in the initial meeting are the baseline determination, availability of data for OM and BM calculation, the additionality assessment and the stakeholder's consultation. Meetings with one or two residents around the project are necessary. Others meetings are subject to availability of institutions and travel arrangements provided that clear evidences are given to the validation team.

Plan sent to the customer, data:

22/09/2017

Signed, Lead Auditor: